

U. S. Department of Agriculture,

STATES RELATIONS SERVICE.

FORM M-S.

FIELD DIARY

AND

TRAVEL RECORD.

Mr. E.A. Goldman

Sept. 18-28, 1920

(Official title.)

Virginia  
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8-3081

## INSTRUCTIONS

Every officer or other employee of the Department of Agriculture conducting work while traveling will, so far as practicable, keep a diary in which will be recorded, under an appropriate date entry, a concise statement of all important matters pertaining to such work and also of any general matters that may be of interest to the Department.

This diary will be retained by the official preparing same, but will be subject to call by the administrative officers of the Department at any time.

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D. F. Houston

*Secretary of Agriculture*

8-3681

MEMO. OF COUPONS DETACHED FROM MILEAGE BOOK NO. .... FOR SCRIP

Sept. 18, 1920.

Left Washington, D.C., accompanied  
by H. C. Burholser at 6:30 P.M.  
on N. & W. Steamboat Line boat  
Southland for Norfolk.

Sept. 19, 1920

Arrived Norfolk about 8 a.m.,  
met by W. G. Birsch, U.S. Game  
Warden. Learned information  
that he can probably get to  
Baltimore via Maryland, Delaware  
and Virginia R.R. to N.Y. S.  
"Potowac" leaving sometime  
afternoon for Greenston on  
Rappahannock River. In  
afternoon a trip was made to  
Elizabeth Park a short distance  
out of Norfolk where the  
"Scamp" warden Birsch's boat  
was inspected. The boat is

about 37 ft. long and  
draws about 3 $\frac{1}{2}$  ft. of water  
w/ a running foot breach  
in its ~~the~~ <sup>the</sup> way draw four  
feet a stem. Her speed is  
about 8 miles maximum. The  
bos, according to <sup>the</sup> Birch <sup>the</sup>  
heavy an engine one, not  
capable of giving sufficient  
speed. With an engine of  
lighter weight & speed, <sup>the</sup> Birch  
thinks the vessel  
make a very satisfactory  
boat.

5:15 p.m. at Hotel Atlantic

Sept. 20 (Mon)

Saw Commissioner Perry  
Sept. 19th, in morning and  
completed arrangement for  
leaving in afternoon. Also saw

Commissioner of Game and  
Inland Fisheries, Leo C. Shibley  
who was most cordial and  
gave us a very favorable  
impression as a man, and  
as a constructive game  
conservationist. He described  
methods of rearing young  
quail for restocking purposes.  
This work seems to be a  
success the birds being hatched  
and brooded by parent  
hens in specially designed units.

Gaff Norfolk 3 P.M. 2-1  
Boat Potomac" of Md., Del.  
+ back to for Tiverton  
on the Rappahannock. These  
boats touch first at  
Westland and then at  
other river wharves including  
Tiverton and up the

river as far as Appahannock.  
Weather clear and beautiful,  
but very stiff breeze blowing.  
Reached Brington about  
11.30 P.M. and found lodgings  
at the Brington Beach Hotel.

Sept. 21 (Tue.)

Brington to Lillington.  
Brington is a village of  
perhaps 500 people situated  
in a long strip of houses  
along a line of railroad.  
Left Brington at 6.12 A.M.  
by a train. Met Mr. Jett a  
young fellow whose father  
T.H. Jett is interested in  
mining fish in the  
Chesapeake, Va. which  
operates along the coast  
and I learned from him

might be reached by  
train from Roanoke to  
Faxon City and boat  
meeting train on the  
Clinicoteague, this road  
preferred, but might also  
be reached Norfolk to Cape  
Charles, then by train to  
McKenney (spelling?) Ck.  
and auto to Clinicoteague.

Went was by a winding  
road through pretty rolling  
rolling country across the  
west to Chesapeake side  
across creek from Ditchley  
at colony of Davis Palmer  
Co., "more or less," 7th.  
Davis. This point is  
Ditchley, S.C., called Mr.  
Ben Hurst of Virginia  
Fletcher Co., in C. & O. r. t.

2 \$100 for us, we were  
soon across & I met  
Mr. Burot who courteously  
furnished information  
& I am gratified to  
you.

on foot, a boat along beach  
near Pitchley. ~~and~~ <sup>at</sup> ~~at~~  
various <sup>at</sup> ~~at~~ <sup>at</sup> parts of several  
islands.

Oryzomeus, Runways, fairly  
well marked in place ~~and~~  
with cuttings of grass stems  
one to 3 inches in length were  
noted in the leaf of  
Spartina along the  
water.

Stilt Sandpiper, one of  
these rare birds picking  
about in soft ooze in the  
small swamp a few feet  
back from the beach. I  
identified it Oberholser and  
we watched it for some time. It would step in  
this way and then fly out  
the other ready to begin  
it is. I think it is  
moment to press its wings  
or out its legs, sometimes  
with its bill and sometimes the  
legs were rubbed together.

Watching it step we at first  
thought the bird was lame,  
but it is apparently lame as  
it seemed to be difficult to the  
difficulties of getting through

the oozes with which it rank  
near by the stuporous, ~~and~~

It oft <sup>came</sup> to stick slightly —  
~~and~~ ~~then~~ ~~it~~ ~~was~~ ~~then~~ ~~it~~

~~Foot~~ ~~was~~ ~~then~~ ~~it~~ ~~was~~ ~~then~~ ~~it~~  
the feet were lifted with  
a leaping ~~movement~~ movement  
~~It was~~ ~~and~~ ~~it~~ ~~was~~ ~~and~~ ~~it~~  
~~on the same~~ ~~one~~ the same  
feeling of sand - were three  
Lesser yellowlegs, two or three  
solitary Sandpipers, two  
polderer and eight small  
sandpipers that we took to  
be the semipalvated.

Oreocnecus vociferus - Two.

Lesser yellowlegs, Three

Solita <sup>of</sup> Sandpiper - Two

three.

"A. B. of Taylor came in  
running - I do not know.

Sept. 22 (Wed)

On board "A Brodie "ayor"  
Fish - very oily  
"Bumpkin", as it is called  
"fat backs" for the backs  
along coast, also known as  
"mudskin" which is a very  
ugly name. In measurement  
a fish is estimated to contain  
22 cubic inches, at this time  
the fish are about 10 inches  
long. When caught they struggle  
for less than ~~than~~ 1/2 an hour  
when they become motionless  
in the hold.

This morning we were in  
the water for 1 1/2 hours  
the water was 46 degrees. At 6 o'clock  
we were 20 miles from  
the nearest land, a

Fairly stiff breeze was blowing  
to leeward, and fishing was said  
to be poor all day. We soon  
got in a few miles and  
at 8 o'clock the order  
was given when a school of  
fish was sighted to lower  
the nets in boats. The boats  
were lowered from davits  
equipped on the after part of  
the ship and ranged  
side by side astern with  
the great net divided  
between them. The net when  
spread incloses a circular  
area about 100 yards across,  
and as about 60 ft. in width  
so that it reaches to or  
many places near the bottom.  
When spread it is a sunken  
the bottom, lines running through

a series of ripples being  
used for this purpose.  
A school of fish is never  
located by the dark or  
brownish appearance of the  
water at the surface near  
a particular point.

One of the fish break  
into water ~~out~~<sup>out</sup> whip the  
surface with their tails.

Having located a school  
at its water, (a few minutes  
ago or later to return), now  
lets to approach. If it is  
in the direction of the fish,  
also offend. It must be com-  
pletely encircled or all or  
most of the fish will be  
likely to make their escape,  
and the net must be  
drawn quickly. This is difficult

20. The water is rough  
or the tide rising swiftly.  
One or two or 3 fish  
will find the direction  
of the wind and may lead off  
the entire school. The  
boat carrying the net will turn  
up and down at first  
side by side, at the proper  
point they separate and  
circling in opposite directions  
pay out the net as fast  
as possible until they meet  
in the middle. When the net  
is in, there is a man alone  
in a boat who goes ahead  
to determine the direction of  
a school, starting up and  
pushing instead of pulling  
so that the oars, turns to  
float it, escape the fish.

by driving them down at the  
first, then the circle has  
less to be now, " 2001. it  
can be lifted. The actor  
edge of the net as  
it is drawn in will  
follow from the right  
edge across. The  
it is gradually closed until  
the fish lie in a following  
"close", resulting in a  
portmanteau position.  
The manner it - swings up  
it brings them into position  
at the opposite, to open  
held on the port side; a  
net dipper about 3 ft. in  
diameter is brought in & lay  
in the fish rapidly transferred  
to the hold where it can  
be impaled in the a wriggling  
it is from which <sup>the</sup> to be

through holes in the bottom  
drains out and seeps off  
seaweed, later by the  
Brook River. After some over  
1000,000 fm were sold the  
two boats fishing from the  
Ditchley factory have captured  
since June 1 about 22000000.

First, arrived at the 3 story  
elevator carries the fish

The bold and drops them  
into a measuring machine

they are ~~put~~ <sup>spun</sup> up by an endless belt and carried at once into a cylinder where they are cooked. From the cooker they pass by machinery to a press and within a few minutes the ~~shells~~ <sup>shells</sup> & oil are reduced and separated into two elements - oil and soap.

The oil runs into tanks where it is again heated and treated for sale and then seeped by a conveyor into a great cylinder where it is heated by heat and later ground to oil as animal food and fertilizer.

Fish caught for day 98000.  
A normal set of 1000 when we cleaned about 8 P.M.

Weather's not raining as I expect it to be but the sun is not good.

Conversion car. 11-12-11  
I brought in a lot of orange fish today, which is the best because a lot of them are much smaller than the others. The fish was all caught in the head of 200000.

In this position the hawk  
had difficulty in getting the  
tail of the fish but it  
was so that he could bite  
it, but it only succeeded  
in nipping the fish  
and so it would not have  
the dead when attempts were  
made to eat it. The boat  
was drifting at the time,  
so we soon got into  
the boat and the fish ~~was~~  
which had considerable  
difficulty in maintaining his  
balance, which may be due to the  
fact that he is of (the usual  
the hawk) finally found  
a way to get off. Apparently  
he kept his fin on the  
water and the air  
the outside of the boat

Several hundred yards away  
is a small, low, flat-topped  
islet. The water is  
very shallow around it.

At 1500 hrs, I went to  
Guanabara with Capt. E.  
Santos for a walk, and  
the walk was up in lines  
of palm trees in the  
forest.

Sept. 23 (Tuesday)

In Saard "a Brook Taylor".

Left Estrela factory about  
3 a.m. and the morning was  
spent in crossing the  
forest and went on the  
beach of sand in the lower  
part of the Key of Rio, Guanabara  
Bay, especially.

Summer, - a remarkable one  
as it is noon when the  
sun was still low in the  
east and a five minute  
light in a bright sun  
in the west, and  
a ~~part~~ complete  
and brilliant rainbow with  
no reflection appeared  
in the air, elevated  
observation point beside the  
vessel house the bow was  
distinctly seen to curve  
around to points close  
together at the ship's  
side. The bow therefore  
will be a nearly complete  
circle the only interruption  
being for a narrow space  
along the ship's side a  
few feet below the water

it appeared faint.

Fish First catch about 2000 made about noon, my first four fish, perhaps 11/2 kg, in total this one included 3 sunfish, 2 gaterfish, and 1 blue fish.

Each night a haul in I find small schools about 2 fl. in length. The net is set to windward of the fish whenever possible as it is at night the wind is on the wind and the weather is very calm. One of the men told me that in June a small school of about 200 were taken. This is caught one day with the men who live

fact that this was very unusual. Last year all fish were more plentiful and this is believed to be due to the rest the fish got during the war. Enough food fish was later according to my colored informant to make some of the men to occasionally take fish home at the end of the week to their families, but this year I have seen much scarcer.

Next day all day I fished and by night I returned to the boat to go to the bay to catch fish.

Sat. 24

Board "A. Brooks" for

Aug. 25 - 26 - 27 - 28 - 29 - 30 -

Day of Aug. 25 - no wind and would  
very smooth.

Wind 1000 ft. above sea level

Wind 1000 ft. above sea level

Get the Pilk? sawback

fish - kayak - names of a

fish with a tail like a

tail like a fish - tail like a

had and possibly escaping  
in ~~that~~ file, June 1.

Black-bellied Plover. Fish Hawk  
seen flying with fish in  
lotus on lower part of  
3000 ft. air line today.

Black Swallow. Found  
nest about noon today  
just within a foot of  
me as I sat in the  
"truly nest" afoot on the  
"Ridge", in a near the  
middle of the lower part of  
this, I suppose.

nesting in nesting  
for nest)

This is a thin nest of  
straw. It is 30 or were  
outside was the nest was  
and a bit of plumage.

Fish. - Small ripples on  
surface mark the location of  
the nest of fish, but  
they appear to be small and  
not the nest of fish. Finally,  
I had several fish. The nest  
calories were very small and I  
went out with the ~~the~~  
driver Boatman to the very  
canal, where I found the  
fish was now around and  
I put out the net to set  
toward the sun and can  
the water with rocks  
up. The net and Boatman  
had no success.

Net - about 4 feet in  
diameter and holds when well  
filled about 2500 fish by area.

15 feet - right

15 feet - left

15 feet - right

at several near Roederville,  
on left side of leberry lava  
at 2000 feet

Sept. 26 (Sun.)

Wind is strong  
with gusts  
up to 10 miles per  
hour. Weather has been  
clear and perfect. Temperature  
so far has not been  
below 1145 m.

Sept. 27 (Mon.)

Wind is strong  
with gusts  
up to 10 miles per hour

March 16 (Wednesday)  
Wind is strong  
with gusts  
up to 10 miles per hour  
Rain at 7:30 a.m.  
This will be 2000 inches  
of rain in 24 hours  
Wind is strong  
up to 10 miles per hour  
at 11 A.M. Took about 70000 by  
measuring in a catch  
when wind was at one  
degree. Wind is  
high up to 10 miles per hour  
Top of mountain from  
which water comes  
down the mountain drains off  
in a heavy cascade  
when dumped in to a  
harbor after a storm. When  
sung when large calms are  
going back in hold.

At. 28 (100)  
on board "A. Brodie Taylor".

1,150 m - off shore

in the wind and a following  
swell - wind from the SSW at  
10 m/s.

Waves 1.5 m - 2 m -  
a. 1.5 m - 2 m - This  
is the size of the  
waves on the  
break - applied the  
big little splashes where  
the waves break  
"the Bay whale" -  
- to a 50 ft. wave -  
comes with apparent  
other wave heads showing  
as one looked down upon  
them from its "prow".

Young yellowish - brown colour  
of the individuals

1. Habit of staying  
near the surface -

2. Feeding - Boats are  
used to catch them

3. Found on the surface  
of several

4. Found in the surface  
of the water

5. Found in the surface  
of the water

6. Found in the surface  
of the water

7. Found in the surface  
of the water

8. Found in the surface  
of the water

9. Found in the surface  
of the water



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8-3681

*Nyssa aquatica*  
Sour gum

*Liquidambar styraciflua*  
Sweet gum

*Schizandra copallina*  
Sumach with myrobal petals

*Eupatorium* - <sup>Lamiales</sup> Blue fl.

*Tecoma radicans*  
Trumpet fl.

*Aralia spinosa*

*Yucca*.  
Bay tree  
*Ornus taeda*? 3 leaves  
*Juniperus virginiana*.

lemons

Kriz Fauber.

Great Blue (2)

Sickle Br. (2)

~~X~~  
2522 Maryland Ave.,  
Balt., Md.

Capt. J. M. George  
Palmer  
Garrison Ave.  
Pa.

Capt. J. N. Wilder  
Swinton, Va.